

## SECTION 10500

### METAL LOCKERS

#### PART 1 GENERAL

##### 1.1 SUMMARY

- A. Scope
  - 1. Furnish and install all metal lockers, and wood benches for locker rooms and shower rooms, complete with accessories and incidentals, as shown on the DRAWINGS and specified in this SECTION.
- B. Related Work Specified In Other Sections
  - 1. Wood sleepers and furring - DIVISION 6.
  - 2. Toilet Room Accessories – DIVISION 10.
- C. Design Criteria
  - 1. Metal lockers shall be fabricated in knocked-down construction for nominal assembly at the project site.
  - 2. Accessible metal lockers including hardware requirements and the location of shelves, hooks, and coat rods shall meet the requirements of ADAAG.

##### 1.2 SUBMITTALS

- A. Furnish submittals for items that are identified in this SECTION by a different typeface and a bracketed code (e.g., *Item [L]*). Refer to SECTION 01340 for definition of codes for types of submittals and the administrative requirements governing submittal procedure. Additional submittal requirements pertaining to this SECTION are specified herein under this Article.
- B. Submit shop drawings to show construction details, anchorage methods, base, and gages of materials.
- C. Submit manufacturer's product data for the specific locker units proposed.
- D. Submit color charts or samples for color selection and approval.

## PART 2 PRODUCTS

### 2.1 METAL LOCKERS

#### A. Manufacturer And Type

1. *Single-Tier Lockers [D,P,S]*: 12 inches wide x 15 inches deep x 72 inches high (without legs) (plus 6 inch legs), with standard louvered door, and with hat-shelf, coat rod, and hooks as standard with the manufacturer.
  - a. Lyon Metal Products “Single-Tier Quiet Lockers”.
  - b. Penco Products Inc. “Guardian Single-Tier Lockers”.
  - c. Republic Storage Systems “Single-Tier Quiet Lockers”.

#### B. Materials

1. Sheet Steel: Mild annealed, cold rolled ASTM A366 steel, free from buckles, scale and other surface imperfections, capable of taking a high-grade enamel finish.
2. Nuts, Bolts and Fasteners: Galvanized, cadmium plated, chrome plated or otherwise metallically rustproofed steel.

#### C. Body

1. Fabricate bodies from not less than 24 gage unperforated steel, flanged at all vertical connections, backs flanged on two sides and tops, bottoms and shelves flanged on four sides.

#### D. Doors And Frames

1. Fabricate doors from not less than 16 gage steel, stretcher leveled, with vertical edges formed into channel shape and with top and bottom edges flanged back. Fabricate all doors with manufacturers standard louvered faces.
2. Fabricate door frame from not less than 16 gage formed steel channels, with flanged edge to form door stop and welded at corners.

#### E. Sloping Tops

1. Fabricate continuous sloping tops from minimum 20 gage steel with corner fillers and end closures for installation on standard flat-top lockers, and with finish to match the locker finish.

#### F. Hardware

1. Hinges: Minimum 2 inches long, 0.050 inch thick steel, five knuckle, full loop type, three per compartment door for single-tier lockers and two per compartment door for other types of lockers, welded to frame and bolted to door. Provide nonremovable hinge pin.
2. Locking Devices: Channel shaped steel, operating within the channel reinforcement of the door edge and engaging a latching lug assembly on the door frame at three points, opposite the door hinges. Provide prelocking type device so mechanism can be locked with door in the open position.
3. Compartment Handles: Chrome plated, zinc casting, with fixed case and arranged for padlocking. Form handle with integral padlock strike.
  - a. Handles shall comply with the guidelines of the Americans With Disabilities Act.

G. Equipment

1. Coat Hooks and Rod: Cadmium plated steel and attached with not less than two bolts.
2. Number Plates: Polished chrome, nickel or aluminum with bright background and etched black numerals not less than 3/8 inch high. Attach plates to doors with rivets. Numbering to be coordinated with OWNER requirements.

H. Miscellaneous

1. Provide end finishing panels at exposed ends, scribing front fillers and all other miscellaneous trim required for a complete installation.
2. Closed Metal Bases: Provide locker manufacturer's standard closed flush metal bases to fit between the 6 inch high locker legs at front and exposed ends of lockers, designed to close of the spaces between floor and bottom of lockers and finished to match the locker finish.
3. Continuous Metal Bases: Provide locker manufacturer's standard 4 inch (6 inch) high Z-shape or channel-shape continuous metal bases to set legless lockers on at front and exposed ends of lockers, finished to match locker finish. Provide appropriate-height applied metal support legs on backs of lockers.

I. Finish

1. All steel parts shall be given a rust inhibitive treatment and a heavy coat of baked-on enamel in standard color as selected.

## PART 3 EXECUTION

### 3.1 LOCKER INSTALLATION

- A. The installation of lockers and accessories shall conform to the locker manufacturer's instructions, approved shop drawings, and as herein specified. Secure lockers together and to adjacent construction.
  1. Install lockers on raised bases and bolt lockers to wood frame raised bases.
- B. Install lockers with fronts and filler panels in flat plumb planes, verticals plumb and horizontals level.
- C. Install sloping tops securely to locker body, and to adjacent wall surface, provide anchors and fasteners as required.
- D. Adjust doors and latches to operate easily without binding. Verify that integral locking devices operate properly.
- E. Clean interior and exposed exterior surfaces and polish stainless-steel and nonferrous-metal surfaces.

- F. Wash and clean all exposed surfaces to remove all dirt, grime, dust, finger marks and defacements. Touch up all damaged paint surfaces to match adjacent surfaces.

END OF SECTION

Revision History	
Date	Rev. No.
A	0
B	0
C	0
D	0
E	0
F	0
02-19-09	0

DS/djo

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